SANT GADGE BABA AMRAVATI UNIVERSITY
COMPUTER SCIENCE TEACHERS' ASSOCIATION

A TEXT BOOK OF
CŎMPUTER
SCIENCE

Web Technology and
Advanced Programming in C

**Computer Science / Computer Application/
Information Technology**

B.Sc. PART- I (SEMESTER -II)

Authors

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Editors

- S. G. Choudhary
- Dr. A. B. Manwar

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Sant Gadge Baba Amravati University Computer Science Teachers' Association (SGBAUCSTA) was established in the year 2015 to promote cooperation amongst Computer Science teacher community for betterment of students learning Computer Science at various levels.

Association publishes a News Letter, organizes student's activities like intercollegiate seminar competitions, chemi quiz, aptitude tests, national/international conference and other academic activities, also extends its collaboration and sponsorships for the organization of such events. Association is also contributing time to time in the revision university curriculum of subject **Computer Science** of under graduate and post graduate classes. In order to have uniformity in the teaching throughout the university, association is publishing books of **Computer Science** for all undergraduate classes. These book are written by the experienced teachers of various colleges as per revised syllabi of semester pattern of Sant Gadge Baba Amravati University, Amravati.

Hope this book will be also useful to our students to grasp the essence of the subject. The suggestions for improvement of this project are highly solicited.

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Preface

Sant Gadge Baba Amravati University Computer Science Teachers' Association is proud to present a text book for computer Science for the students of the **second semester** of B.Sc. This book has been designed after considering the syllabus of Sant Gadge Baba Amravati University.

The contents of the book are divided into six units. First three units are based on **Web Technology including HTML and XML** while the next three units cover the aspects of **Advanced Programming in C Language.** The concepts are illustrated with the help of neat and well labeled diagrams and supported with easy to understand examples. The terminologies are explained with the help of precisely designed algorithms.
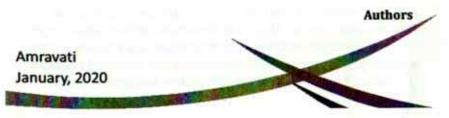
The authors have referred many standard books while preparing the contents of this book and we acknowledge our sincere gratitude towards those authors. The authors have also used simple and easy to understand language.

We have taken almost care to avoid the any kind of typographical mistake in the contents of the book. Mistakes that are overlooked during editing may please be reported so as to remove them in the subsequent edition.

We would like to thank the managing committee of **SGBAUCSTA** who have given this opportunity. We would also like to thank **DnyanPath Publication Amravati** for publishing this book. Our special thanks to **S. G. Chaudhary** and **Dr. A. B. Manwar** for sparing their valuable time to edit this book.

We are sure that this book would certainly benefit the students for enhancing their knowledge of the subject and would also help the teachers in their regular teaching.

Comments and suggestions for further improvements are always welcome.

Authors

Amravati
January, 2020

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